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April 7, 1980 • Vol. 95 • No. 9

Implement & Tractor

The Business Magazine of the Farm and Industrial Equipment Industry

in this issue...

10: **White's Winter Huddle with Dealers Has Confident Air.** Bob Kidder, White's president, tells dealers about the company's very substantial increase in sales in 1979. Later, dealers examined White's product line-up and marketing plans for the year ahead.

12: **Farmers Feel the Pinch, Dealers Feel the Squeeze.** As spring approaches, two auctions, one in South Dakota, one in Iowa, show high demand for big used tractors in good condition; but the market is complicated by short supply, low farm income, high interest rates and worsening inflation.

26: **All About Turbocharging.** First of two parts explains what a turbocharger is, how it works, and the benefits of the process. (Cover photo courtesy M & W Gear Co.)

34: **Planting: an Ever-Changing Process.** Capsule reports on six research projects investigating new ideas and methods for more successful planting. Studies highlighted include double-cropping of soybeans, planting coated soybeans, no-till row-crop planting in wheat stubble, strip-till planting in dryland cereal, controlling planters by microprocessor, fighting soil crusting.

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what's ahead...

I&T SINCE 1886

April 7, 1980

DEERE & CO. WILL INCREASE ITS WORLDWIDE OUTPUT BY 14 per cent (tonnage) in 1980, according to a statement to the Financial Analysts of Philadelphia by William A. Hewitt, chairman. For farm equipment in North America, according to Deere's president, Robert A. Hanson, there will be an "all-out" production effort to increase manufactured tonnage to 16 per cent "because of strong demand for Deere equipment and the very low inventories of major products such as tractors and combine harvesters."

FARM EQUIPMENT RETAIL SALES IN THE U.S. THROUGH FEBRUARY generally were showing a downward trend, according to the Farm & Industrial Equipment Institute flash report. Sales of two-wheel-drive tractors were off by 12.7 per cent, partly attributable to International Harvester Co. experiencing a strike throughout the U.S. during those months.

Unit Retail Sales

	February			January-February		
Equipment	1980	1979	Pct. Change	1980	1979	Pct. Change
Farm Wheel Tractors						
2-wheel drive						
40-100 hp	3,449	4,058	-15.0	8,088	8,840	- 8.5
Over 100 hp	3,702	4,192	-11.7	8,308	9,949	-16.5
Total 2-wheel drive	7,151	8,250	-13.3	16,396	18,789	-12.7
4-wheel drive	586	552	+ 6.2	1,379	1,127	+22.4
Total Farm Tractors	7,737	8,802	-12.1	17,775	19,916	-10.8
Combines (S-P)	991	703	+41.0	2,426	2,408	+ 0.7
Balers *	323	493	-34.5	746	1,302	-42.7
Forage Harvesters **	266	197	+35.0	623	513	+21.4
Mower-Conditioners	564	574	- 1.7	1,270	1,514	-16.1

* Bales under 200 lbs. ** Shear-bar type.

HOW LONG WILL FARMERS KEEP MAJOR FARM EQUIPMENT ITEMS? A study made last year for the National Farm & Power Equipment Dealers Assn. by its Task Force for the Future said that farmers plan to keep their large tractors an average of eight years; 64 per cent will keep them longer than five years. Small tractors will be kept an average of nine years. Combines will be kept an average of seven years; 40 per cent of farmers will keep them from one to five years, 50 per cent, 6-10 years. Tillage equipment will be kept an average of nine years; planting equipment, eight years; forage harvesters, seven years. The Task Force advises dealers: "Farmers are keeping equipment longer as prices increase. They will be putting more money into parts and service to keep equipment running longer...for dealers to provide maximum service to their customers in the area of parts, they must have an efficient parts inventory program. One way to achieve this is through computerization. Dealers, to survive, must have access to a computer system to efficiently run their operations."

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AUCTION PRICES OF USED EQUIPMENT

An exclusive I&T monthly report of actual prices paid recently at these leading national wholesale auctions.

Asterisk beside tractor price indicates highest bid offered on tractors which were not sold.

JONES FARM EQUIPMENT CO. Dothan, Alabama (February 12, 1980)

ALLIS-CHALMERS TRACTORS

7080 diesel, cab, 1975 (Excellent) 13,600*
7060 diesel, 1975 (Good) 7300*
220 diesel, duals, 1971 (Fair) 6000
200 diesel, 1973 (Rough) 3350
200 diesel, 1972 (Rough) 2950
190, LP, 1966 (Rough) 2700
170 diesel, 1968 (Fair) 3000
D15 diesel, 1962 (Fair) 600
WD, 1952 (Fair) 375*
B, 1940 (Fair) 375*
C, 1945 (Good) 500

CASE TRACTORS

1175 diesel, 1974 (Good) 6700*
1070 diesel, 1971 (Fair) 4800
1070 diesel, cab, 1971 (Good) 8200*
870 diesel, 1970 (Good) 4150
310, LP, 1958 (Rough) 225
DC, Idr., 1953 (Good) 475

DEUTZ TRACTOR

5506 diesel, 1974 (Good) 4500

DAVID BROWN TRACTORS

1410 diesel, 1976 (Excellent) 5950
990 diesel, 1967 (Fair) 1200
880 diesel, Idr., 1967 (Fair) 1200

MASSEY-FERGUSON TRACTORS

2805 diesel, cab, duals, 1976 (Good) 15,400
1155 diesel, cab, duals, 1976 (Good) 12,000
1130 diesel, 1968 (Fair) 3125
1105 diesel, cab, duals, 1977 (Good) 12,500*
1105 diesel, 1974 (Fair) 7500
1105 diesel, 1974 (Fair) 6900*
1085 diesel, 1977 (Good) 8100
1085 diesel, 1974 (Fair) 5500
285 diesel, 1976 (Good) 7600*
285 diesel, 1975 (Good) 7600
275 diesel, 1975 (Good) 6300*
265 diesel, 1976 (Good) 4600*
265 diesel, 1976 (Good) 4600*
235 diesel, 1975 (Good) 4000
235 diesel, 1975 (Excellent) 4800*
180 diesel, 1972 (Fair) 3200*
180 diesel, 1967 (Excellent) 4550
178 diesel, (Excellent) 4000
175 diesel, 1973 (Excellent) 5450
175 diesel, 1970 (Excellent) 5300
3165 diesel, 1967 (Good) 2800
3165 diesel, 1966 (Fair) 1500
165 diesel, 1970 (Good) 3300*
165 diesel, 1969 (Excellent) 4400
150 diesel, 1972 (Good) 3000
135 diesel, 1974 (Excellent) 3650
135 diesel, 1974 (Excellent) 3475
135 diesel, 1969 (Excellent) 3400
135, 1968 (Good) 3150
135, 1966 (Good) 2900
135, 1966 (Fair) 2350
135 diesel, 1965 (Good) 3150*
135 diesel, 1965 (Good) 3275
Sup. 90 diesel, 1962 (Good) 1650*
65 diesel, 1964 (Good) 2200
65 diesel, 1963 (Good) 2100*
50 diesel, 1963 (Good) 2000
50 diesel, 1962 (Excellent) 2000
50, 1960 (Good) 1700*
50, 1959 (Good) 1500*
35 diesel, 1962 (Excellent) 2450
35 diesel, 1959 (Good) 1450
35 diesel, 1959 (Fair) 1050
35, 1956 (Excellent) 2100*
35, LP, 1956 (Good) 1800
35, 1956 (Fair) 1200
35, 1956 (Good) 1825
30 diesel, 1973 (Excellent) 3800*
TO30, 1952 (Good) 1100
TO30, 1952 (Good) 1100*
TO30, 1952 (Good) 1200*
TO30, 1952 (Good) 1000
TO20, 1949 (Fair) 875*
TO20, 1949 (Good) 1200
TE20, 1948 (Fair) 725*

FORD-FERGUSON TRACTOR

9N, 1949 (Good) 950

FORD TRACTORS

9600 diesel, 1976 (Fair) 4700
8000 diesel, 1971 (Good) 5250
8000 diesel, 1969 (Good) 4650
8000 diesel, 1969 (Good) 5100
8000 diesel, 1969 (Good) 4850
7000 diesel, 1975 (Good) 5900*
7000 diesel, 1974 (Good) 5650
6700 diesel, 1976 (Excellent) 10,200
5000 diesel, 1974 (Good) 4550
5000 diesel, 1963 (Excellent) 6400*
5000 diesel, 1973 (Excellent) 5500
5000 diesel, 1972 (Good) 4750*
5000 diesel, 1971 (Excellent) 5600
5000 diesel, 1969 (Excellent) 5200
5000 diesel, 1969 (Excellent) 4900

5000 diesel, 1968 (Excellent) . . . 5000*
5000 diesel, 1966 (Good) 4200
4000 diesel, 1970 (Excellent) . . . 5200*
4000 diesel, 1968 (Good) 3100
4000 diesel, 1966 (Good) 3100
4000 diesel, 1966 (Fair) 2650
4000 diesel, 1966 (Rough) 2100
4000, 1966 (Fair) 2750
4000, 1966 (Good) 3350
4000, 1963 (Good) 2100*
4000 diesel, 1963 (Fair) 1450*
4000, 1963 (Good) 1850
3000 diesel, 1975 (Excellent) . . . 4850
3000 diesel, 1972 (Good) 3325
3000 diesel, 1972 (Excellent) . . . 4250
3000 diesel, 1971 (Excellent) . . . 4350
3000 diesel, 1970 (Good) 3600
3000 diesel, 1969 (Fair) 2500
3000 diesel, 1968 (Fair) 2900*
3000 diesel, 1968 (Fair) 2850
3000 diesel, 1968 (Good) 3150
3000 diesel, 1966 (Fair) 2850
3000 diesel, 1966 (Fair) 2600*
3000, 1966 (Fair) 2450
3000, 1956 (Fair) 2450
3000, 1966 (Rough) 2250*
2000 diesel, 1974 (Excellent) . . . 4200
2000 diesel, Idr., 1970 (Good) . . 3300
871 diesel, Select-O-Speed, 1958 (Good) 1100
860, 1957 (Good) 1700*
850, 1956 (Excellent) 2200
841 diesel, 1958 (Excellent) 2100
841 diesel, 1958 (Fair) 1300
641, 1961 (Excellent) 2200
641, 1960 (Rough) 1350
641, 1959 (Excellent) 2200
641, 1958 (Excellent) 2250
640, 1957 (Good) 1800
640, 1956 (Excellent) 2450
621, 1956 (Good) 2000*
Sup. Dexta, 1963 (Good) 1550
Sup. Dexta, 1963 (Good) 1550
Dexta, 1960 (Good) 1100*
NAA, 1954 (Good) 1750*
NAA, 1954 (Good) 1800*
NAA, 1954 (Fair) 1450
Jub., 1953 (Fair) 1550
Jub., 1953 (Rough) 875
8N, 1951 (Good) 1250
8N, 1949 (Excellent) 1600
8N, 1948 (Good) 1200
8N, 1948 (Good) 1400
8N, 1948 (Fair) 825
8N, 1948 (Fair) 875
8N, 1948 (Fair) 975
8N, 1948 (Good) 1250*
8N, 1948 (Good) 1300*
8N, 1948 (Fair) 775

HEFTY TRACTORS

G, (Excellent) 2750
G, (Good) 1400

INTERNATIONAL HARVESTER TRACTORS

1468 diesel, duals, 1974 (Fair) 6000*
1466 diesel, duals, 1972 (Fair) 8100
1066 diesel, 1974 (Good) 7150
856 diesel, 1968 (Good) 5500
826 diesel, 1970 (Good) 5400*
806 diesel, 1967 (Good) 3150
706 diesel, 1964 (Rough) 2350
706 diesel, 1963 (Excellent) 4400
674 diesel, 1974 (Good) 5200*
666 diesel, 1973 (Excellent) 6850
656 diesel, 1970 (Good) 4000
656 diesel, 1969 (Excellent) 5500
656 diesel, 1967 (Good) 4750*
656 diesel, 1966 (Fair) 3700
656 diesel, 1965 (Rough) 3200
544 diesel, 1968 (Rough) 1450
504, 1964 (Fair) 800
504 diesel, 1964 (Good) 1500
504 diesel, 1964 (Good) 1600
460 diesel, 1960 (Good) 750
2444 diesel, 1968 (Fair) 1300
2444, 1968 (Fair) 1300*
424 diesel, 1965 (Good) 1800
B414 diesel, 1960 (Good) 1250
404, 1964 (Good) 1450
340, 1960 (Good) 1750
330, backhoe, 1967 (Fair) 1000
300, 1955 (Good) 1050
MD, 1946 (Good) 400*
M, 1941 (Fair) 325
H, 1950 (Rough) 250
H, 1950 (Good) 450
Sup. C, mo. 1953 (Good) 750*
Sup. C, 1953 (Fair) 400
140, trencher, bld., 1967 (Good) 1700*
140, cult., plt., plow, 1960 (Fair) 1650*
154 Cub Loboy, mo., 1973 (Fair) 900
154 Cub Loboy, mo., 1970 (Good) 1650
154 Cub Loboy, 1968 (Good) . . . 1700
Cub, mo., 1948 (Good) 1100*
Cub, 1948 (Good) 850
Cub, mo., 1948 (Fair) 875

JOHN DEERE TRACTORS

5020 diesel, 1968 (Good) 5600
4440 diesel, 1978 (Excellent) . 26,500
4430 diesel, 1976 (Excellent) . 13,250*
4230 diesel, cab, duals, 1975 (Excellent) 15,000
4020 diesel, 1970 (Good) 5500
4020 diesel, 1969 (Good) 6450
4020 diesel, duals, 1968 (Excellent) 7000*
4020 diesel, 1968 (Good) 5900
4020 diesel, 1968 (Rough) 3300
4020 diesel, 1965 (Fair) 3700*
4010 diesel, 1963 (Good) 4650
3020 diesel, 1970 (Good) 5800*
3020 diesel, 1967 (Good) 4400
3020 diesel, 1967 (Excellent) . . . 5500*
3020 diesel, 1966 (Excellent) . . . 5300
3020 diesel, 1965 (Good) 4000*
3020 diesel, 1964 (Good) 4600*
3010 diesel, 1963 (Fair) 2850
3010 diesel, 1962 (Good) 3450
3010 diesel, 1961 (Fair) 3100
2630 diesel, 1975 (Good) 5600
2630 diesel, 1975 (Good) 6000*
2030 diesel, 1974 (Good) 5400
2020 diesel, 1969 (Fair) 2700
2020 diesel, 1967 (Good) 3100*
1520 diesel, 1969 (Excellent) . . . 4650
1020 diesel, 1966 (Good) 2800*
1020 diesel, 1966 (Good) 3300*
2010 diesel, 1963 (Good) 1625
1010, 1964 (Good) 2000
1010, 1964 (Good) 1500*
820 diesel, 1970 (Excellent) 3750
435 diesel, 1960 (Fair) 575
301 diesel, 1971 (Fair) 1050*
A, 1946 (Fair) 230

LONG TRACTORS

460 diesel, 1976 (Good) 3500*
445 diesel, 1973 (Good) 2600
384 diesel, 1971 (Good) 2650
384 diesel, 1971 (Fair) 2300

OLIVER TRACTORS

1650 diesel, 1965 (Good) 2900
1465 diesel, 1975 (Good) 3700*

(More...)

Use I&T's
Handy Reply Card

Auctions

(continued)

D & L IMPLEMENT, INC. Mitchell, South Dakota (February 7, 1980)

ALLIS-CHALMERS TRACTORS

D-17, 1960 (Good) 1500*
XT-190 diesel, 1967 (Good) 4150
WD 45, 1954 (Good) 700
XT-190 LP, 1965 (Good) 2500
XT-190 diesel, 1968 (Good) 3600*
5040, Idr., 1977 (Excellent) 6650
175 diesel, 1973 (Good) 6550
WD, 1952 (Fair) 175
7000 diesel, 1975 (Good) 12,600
7040 diesel, 1976 (Good) 13,800
170 diesel, 1971 (Good) 4750*

CASE-DAVID BROWN TRACTORS

630, 1964 (Fair) 610
630, 1964 (Good) 850
970 diesel, 1973 (Good) 8250
1370 diesel, 1974 (Good) 10,500
1030 diesel, 1968 (Excellent) 4900
930 diesel, 1967 (Fair) 2750*
2470 diesel, 1975 (Excellent) 14,500
990 diesel, 1968 (Fair) 1850
990 diesel, 1970 (Good) 2100*
1212 diesel, 1973 (Good) 5250

MASSEY-FERGUSON TRACTORS

TO-30, 1951 (Good) 850
TO-30, 1954 (Excellent) 1020
1085 diesel, 1977 (Excellent) 9875*
1185 diesel, 1975 (Good) 8500
1185 diesel, 1975 (Good) 9800
1500, 1972 (Good) 8050
1805, 1976 (Good) 15,250

JOHN DEERE TRACTORS

520, 1957 (Good) 1575
820 diesel, 1958 (Good) 1475
4020 diesel, 1969 (Good) 8850
4020 diesel, 1966 (Fair) 5950
4020 LP, 1967 (Good) 5250
4000 diesel, 1972 (Good) 9000
4520 diesel, 1969 (Good) 8500*
3010, 1961 (Good) 2750*
2510, 1967 (Good) 3100*
3010 diesel, 1962 (Good) 3750
3010, 1963 (Fair) 2500*
4010 diesel, 1962 (Good) 4900
4010, 1963 (Good) 2450*
3010, 1961 (Good) 2250*
5010 diesel, 1965 (Good) 3900
5020 diesel, 1967 (Fair) 5000
4620 diesel, 1972 (Good) 10,600
7020 diesel, 1973 (Good) 14,700*
350 crawler, 1968 (Good) 5200*

FORD TRACTORS

9N, 1948 (Fair) 500*
8N, 1948 (Good) 650*
8N, 1947 (Fair) 600
8N, 1949 (Good) 775
8N, 1950 (Good) 785
8N, 1948 (Fair) 490
8N, 1952 (Good) 850
8N, 1952 (Good) 950
8N, 1952 (Good) 920
Major diesel, 1961 (Good) 650*
600, 1961 (Good) 1300
900, 1958 (Good) 1175
7600, 1976 (Excellent) 8750
8600, 1973 (Good) 8400
4000, Idr., 1966 (Good) 2550
5000, 1969 (Good) 4550
6000 diesel, 1961 (Good) 1350

OLIVER TRACTORS

1850 diesel, 1968 (Good) 4450
1950 T, 1969 (Good) 4600*

MINNEAPOLIS-MOLINE TRACTORS

M-602 diesel, 1963 (Good) 1100*
Super 670 diesel, 1967 (Good) 2900*
A4T-1600, 1972 (Good) 7500
Super 670 diesel, 1969 (Good) 3875
G-1000 diesel, 1966 (Good) 2250*
950 LP, Idr., 1969 (Good) 5250
Super 670 diesel, 1965 (Fair) 2000
950 diesel, 1969 (Good) 4175

INTERNATIONAL HARVESTER TRACTORS

M, 1951 (Fair) 650
Super M, 1953 (Good) 950
M, Idr., 1950 (Good) 950*
M, 1950 (Fair) 725
C, 1953 (Good) 575
400, 1955 (Good) 1000*
W9, dozer, 1950 (Good) 1150*
460, 1960 (Fair) 1050*
400, 1954 (Good) 1100
560, 1961 (Fair) 1525
504, 1964 (Good) 1650
660 diesel, Idr., 1962 (Good) 1100*
706, 1965 (Good) 3250*
706, 1964 (Good) 3350
656 diesel, 1967 (Good) 4475
856 diesel, 1970 (Good) 6850
1026 diesel, 1971 (Good) 8250
1566 diesel, 1975 (Good) 9800
4166, 4WD, 1975, (Good) 9600*
T-6 crawler, 1963 (Good) 2250*
500-E crawler, 1977 (Excellent) 10,600

NOTES

Prices reported are for individual sales at wholesale on "as is," "cash and carry" basis.
Prices reported are NOT averages.

Condition classifications: EXCELLENT means—Engine: in perfect condition, 400 to 600 hours of use; Rubber: 80% tread remaining, no breaks or cracks; Paint: original and bright; General Appearance: excellent.

GOOD means—Engine: good running condition; Rubber: 70% tread remaining, no breaks or cracks; Paint: original paint or a good repaint job; General Appearance: good over-all.

FAIR means—Engine: possibly in need of a minor overhaul to restore; Rubber: 60% tread remaining, some cracking evident in side walls; Paint: only fair, weathered and some rust apparent; General Appearance: worn, some dents, minor parts such as gage covers missing or broken.

ROUGH means—Engine: obviously in need of a major overhaul; Rubber: smooth; Paint: scarred, weathered, rusty, needs painting urgently; General Appearance: dents, ruptures, broken parts, loose wires, some components such as lights broken, missing or inoperative.

DEMONSTRATOR means—used for demonstrating only and in practically new condition.

April 21, 1980
TWO DOLLARS

Serving the Farm and Industrial Equipment Industry Since 1886

Implement&Tractor

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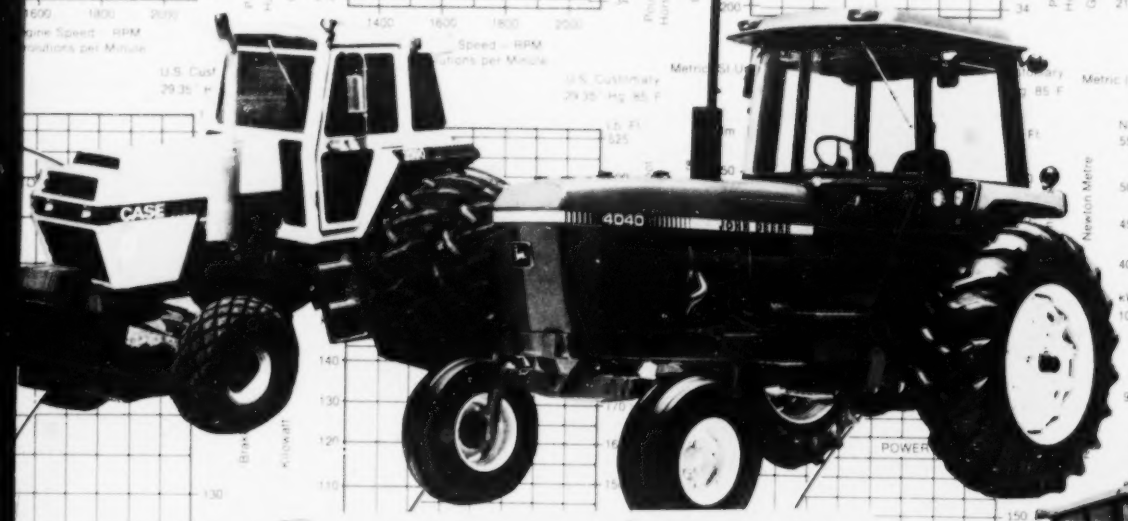
MAKES, MODELS ON THE 1980 MARKET page 18



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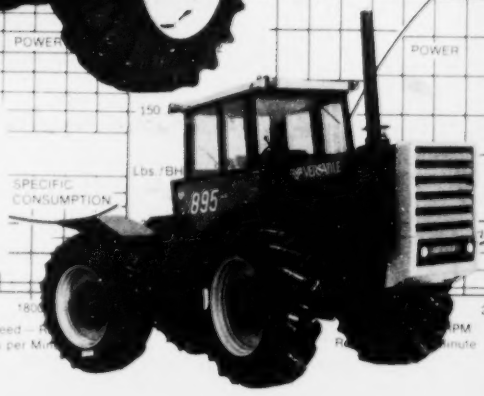

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April 21, 1980 • Vol. 95 • No. 10

Implement&Tractor

The Business Magazine of the Farm and Industrial Equipment Industry

in this issue...

13: **Tales of Horror from the Shop.** A pair of chilling recitals of all that can go wrong to produce profit failures in the shop: poor communications, poor attitude, disorganization, inadequate repair equipment. (This, the first of a two-part series, is prologue to a more pleasant tale, coming soon, illustrating a profitable shop in action.)

15: **Where the Horsepower Went in 1979.** The bottom line for 1979 farm tractor sales isn't much different from the two years before, but there have been some evident shifts in popularity for certain horsepower categories.

18: **Makes and Models of Farm Tractors on the 1980 Market.**

32: **Turbocharging, Part 2.** The economics of turbocharging may be even more significant than the increased power it provides. Herein, Nebraska Test comparisons of turbocharged and naturally aspirated tractors.

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AUCTION PRICES OF USED EQUIPMENT

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BILL ENLOW TRACTOR SALES
Tulsa, Okla.
(February 8, 1980)

ALLIS-CHALMERS TRACTORS
HD-5 diesel, dozer, 1948 (Good) 2950*
D-14, plow, 1958 (Good) 1900*
190 diesel, 1965 (Good) 3900*
190 XT diesel, 1968 (Good) 4500
190 XT, 1968 (Good) 4600

CASE TRACTORS
885 diesel, 1979 (New) 6200*
1030 diesel, 1967 (Fair) 2750*
1030 diesel, 1968 (Good) 2975*
1070 diesel, 1972 (Good) 5900*

FERGUSON TRACTORS
20, 1948 (Good) 1250
20, 1950 (Good) 1330
30, 1952 (Good) 1390*
30, 1952 (Fair) 1020
30, 1953 (Fair) 1075
40, 1956 (Good) 2500
40, 1957 (Rough) 1000*

FORD TRACTORS
9N, 1940 (Rough) 875
9N, 1943 (Good) 1075
9N, 1943 (Good) 1100
9N, 1943 (Good) 1175
9N, 1945 (Good) 1150
9N, 1945 (Good) 1250
9N, 1945 (Good) 1250
9N, 1946 (Good) 1325
8N, 1947 (Fair) 1050*
8N, 1947 (Fair) 1050
8N, 1948 (Fair) 1000
8N, 1948 (Good) 1300*
8N, 1949 (Fair) 990
8N, 1949 (Good) 1380
8N, 1949 (Good) 1260
8N, 1949 (Good) 1375
8N, 1949 (Good) 1400
8N, 1950 (Fair) 1050*
8N, 1950 (Fair) 1175
8N, 1951 (Good) 1200*
8N, 1951 (Good) 1420
8N, 1951 (Good) 1350
8N, 1952 (Good) 1375
8N, 1952 (Good) 1700
8N, 1952 (Good) 1700
8N, 1952 (Good) 1520
8N, 1952 (Good) 1450
8N, 1952 (Good) 1300*
8N, 1952 (Good) 1550
8N, 1952 (Good) 1550
8N, 1952 (Good) 1450
8N, 1952 (Good) 1825
NAA, 1953 (Fair) 1575*
NAA, 1953 (Good) 1910
NAA, 1953 (Good) 1850
NAA, 1953 (Good) 1950
NAA, 1953 (Good) 1900
NAA, 1953 (Fair) 1675
NAA, 1953 (Good) 2050
600, 1957 (Good) 2200
640, 1956 (Good) 1825
640, 1955 (Fair) 1650
601, 1958 (Good) 2550
800, 1956 (Good) 2000
860, 1957 (Fair) 1800*
860, 1957 (Fair) 1750
860, 1957 (Good) 2125
801, 1958 (Good) 2150*
Fordson, 1958 (Rough) 1000
2000, 1962 (Good) 2500
2000, 1974 (Excellent) 4000*
3000, 1967 (Fair) 2400*
4000, 1963 (Good) 2100
4000 diesel, 1968 (Good) 4100*
4000 diesel, 1969 (Good) 3990*
4000 diesel, 1970 (Good) 4050*
4000 diesel, 1970 (Fair) 3000
4500 diesel, ldr., 1969 (Good) 3850*
4500 diesel, backhoe, 1971 (Good) 5750*
5000 diesel, 1965 (Good) 4000*
5000 diesel, 1967 (Fair) 3500*
5000 diesel, 1969 (Good) 4250*
5000 diesel, 1970 (Good) 4700*
5000 diesel, 1971 (Good) 5500
5000 diesel, Select-O-Speed, 1972 (Good) 3950*
5000 diesel, 1973 (Good) 6500

INTERNATIONAL HARVESTER TRACTORS
Cub Loboy, ldr., 1969 (Good) 2400*
B275 diesel, 1959 (Fair) 975
B414 diesel, 1964 (Good) 2450
560, 1960 (Fair) 650
3414 diesel, backhoe, 1967 (Good) 3200*
656 diesel, 1969 (Good) 4200*
806 LP, 1964 (Good) 1950
966 diesel, 1973 (Good) 8500*
1466 diesel, 1972 (Good) 8950

JOHN DEERE TRACTORS
B, 1944 (Good) 600
70, 1955 (Good) 1075
430 diesel, 1959 (Good) 1650
620, 1957 (Good) 900*
4010 LP, 1962 (Good) 3400
4010 LP, 1962 (Good) 3450
4010 diesel, 1963 (Good) 4600
4020 LP, 1964 (Good) 4500*
400 diesel, 1971 (Good) 5100
4440 diesel, 1973 (Good) 15,500

LONG TRACTOR
350 diesel, 1972 (Good) 3500*

MASSEY-HARRIS TRACTOR
444, 1958 (Good) 650*

MASSEY-FERGUSON TRACTORS
35, 1960 (Good) 1920*
35 diesel, 1963 (Good) 2450
50, 1962 (Fair) 1700
65, 1958 (Rough) 1450
65 diesel, 1959 (Good) 2200*
65 diesel, 1959 (Good) 2280*
65 diesel, ldr., 1960 (Good) 2400*
65 diesel, 1960 (Fair) 1900*
65, 1961 (Good) 1950
65 diesel, ldr., 1962 (Good) 2700*
65 diesel, 1962 (Good) 2250*
65 diesel, 1962 (Good) 2500*
65 diesel, 1963 (Fair) 1875
65 diesel, 1963 (Good) 2300*
65 diesel, 1963 (Good) 2350
65 diesel, 1964 (Good) 2475
65 diesel, 1964 (Good) 2950
65 diesel, 1964 (Good) 3150
135, 1964 (Good) 2950
135, 1966 (Good) 3075
135, 1968 (Good) 3300
135 diesel, 1968 (Good) 3325
150, 1968 (Good) 2700*
150 diesel, 1972 (Good) 3750
165 diesel, 1966 (Good) 3800*
165 diesel, 1966 (Good) 3680*
165 diesel, 1967 (Rough) 3000
165 diesel, 1967 (Fair) 3250
165 diesel, 1968 (Good) 3700
165 diesel, 1968 (Good) 3800
165 diesel, 1970 (Good) 4025*
165 diesel, 1970 (Good) 3975*
165 diesel, 1971 (Good) 4125
165 diesel, 1971 (Good) 4350
175 diesel, 1965 (Fair) 3500*
175 diesel, 1966 (Fair) 3600
175 diesel, 1968 (Good) 4175
175 diesel, 1970 (Good) 4600*
175 diesel, 1973 (Good) 5300
180 diesel, 1968 (Good) 3800*
180 diesel, 1969 (Good) 3900*
180 diesel, 1969 (Good) 3850
180 diesel, 1970 (Good) 4100*
1080 diesel, 1969 (Good) 4600
1080 diesel, 1973 (Good) 5900
230 diesel, 1978 (Good) 5000
230 diesel, bld., 1979 (Excellent) 5850*
230 diesel, 1979 (New) 6350
230 diesel, 1979 (New) 6400
245 diesel, 1977 (Good) 4950
245 diesel, 1978 (Excellent) 6000
245 diesel, 1979 (New) 7100
245 diesel, 1979 (New) 7050
245 diesel, 8-speed, 1960 (New) 7300
255 diesel, 1978 (Excellent) 7250
255 diesel, 1978 (Excellent) 7050*
265 diesel, 1977 (Good) 6800*
203 diesel, 1969 (Fair) 2400*
205, 1969 (Good) 2300
3165 diesel, ldr., 1970 (Good) 4450

MINNEAPOLIS-MOLINE TRACTORS
G-955 diesel, 1973 (Good) 5100
G-1000 LP, 1967 (Good) 3800*

NUFIELD TRACTORS
4/65 diesel, 1968 (Good) 2250
4/65 diesel, 1969 (Good) 2650

OLIVER TRACTORS
550, 1962 (Fair) 1350
1250 diesel, 1967 (Good) 2050
1250 diesel, 1968 (Good) 2300
1900, 1961 (Fair) 1950

YODER & FREY, INC.
Archbold, Ohio
(March 10, 1980)

ALLIS-CHALMERS TRACTORS
7050 diesel, 1974 (Good) 11,250*
210 diesel, 1969 (Good) 8600*
XT190 diesel, 1968 (Good) 6400*
XT190, 1967 (Fair) 6500
XT190 diesel, 1964 (Fair) 4400*
XT190, 1964 (Good) 2750*
180, 1966 (Good) 4250
160 diesel, 1966 (Fair) 2800*
D21, 1963 (Fair) 5500*
D19, 1963 (Good) 2425*
D19, ... 1575
D17 diesel, 1961 (Fair) 1725*
D15, 1963 (Good) 2000*
D15, 1960 (Rough) 1000
D14, 1960 (Fair) 1200*
D12, ldr., 1960 (Fair) 1300
WD45, ldr., 1952 (Good) 1250
WD45, 1952 (Fair) 1075
WD45, 1951 (Fair) 1000

DAVID BROWN TRACTORS
1212 diesel, 1972 (Fair) 5200*
1210 diesel, 1970 (Fair) 4400*
1200 diesel, 1961 (Fair) 2800*

CASE TRACTORS
1370 diesel, 1971 (Fair) 10,100*
1270 diesel, 1973 (Rough) 9400*
1170 diesel, 1970 (Fair) 7700*
1070 diesel, 1971 (Fair) 7800*
1030 diesel, 1963 (Fair) 3800*
930 diesel, 1964 (Good) 4625*
830 diesel, 1961 (Rough) 1500
830, 1959 (Fair) 1600*
530, plow, 1961 (Fair) 2750*

JOHN DEERE TRACTORS
8630 diesel, 1976 (Good) 29,000*
4630 diesel, 1975 (Fair) 16,300*
4630 diesel, 1974 (Good) 19,500*
4520 diesel, 1969 (Fair) 10,250
4520 diesel, 1969 (Rough) 8000*
4430 diesel, 1975 (Good) 17,700*
4430 diesel, 1973 (Fair) 13,000
4320 diesel, 1972 (Good) 12,100*
4320 diesel, 1972 (Good) 11,800*
4320 diesel, 1972 (Good) 11,100*
4320 diesel, 1972 (Good) 10,500*
4240 diesel, 1979 (Excellent) 25,500*
4030 diesel, 1976 (Good) 11,400
4020 diesel, 1968 (Good) 9800*
4020 diesel, 1965 (Good) 7100*
4020 diesel, 1965 (Fair) 6500*
4020 diesel, 1964 (Fair) 6300*
4010 diesel, 1963 (Good) 5500*
4010, 1963 (Good) 3875
3020 diesel, 1970 (Good) 6100*
3020 diesel, 1968 (Good) 5950
3020 diesel, 1969 (Fair) 5125
3020, 1966 (Good) 4150*
3020, 1964 (Good) 4450
3020, 1964 (Fair) 3500*
3010, 1962 (Fair) 2900*
3010, 1961 (Rough) 2475
2630, ldr., 1972 (Excellent) 8500*
2510, 1967 (Good) 3700
2510, 1967 (Good) 3650*
2240, ldr., 1978 (Excellent) 7950
2130, 1973 (Good) 6500
2030, 1955 (Excellent) 5000
2020, 1971 (Rough) 3800
2010, ldr., 1962 (Fair) 3200*
2010 diesel, 1962 (Fair) 1700
830 diesel, 1960 (Fair) 2400*
730 diesel, 1958 (Good) 2550*
730 diesel, 1957 (Fair) 1700*
720, 1956 (Fair) 1550*
720 diesel, 1956 (Fair) 1550
630, 1959 (Good) 2600
620, 1956 (Good) 2025*
530, 1959 (Rough) 1450
520, 1956 (Fair) 1575
430, 1958 (Good) 1600*
430, 1958 (Fair) 1450
70 diesel, 1954 (Good) 1800
40, 1955 (Good) 1275
A, 1951 (Good) 700
A, 1951 (Fair) 625

DEUTZ TRACTORS
130-06, ... 7500

130-06, 4WD 7400*
100-06, 1972 (Fair) 3100

FERGUSON TRACTORS

30, 1950 (Rough) 1040
TO20, 1950 (Good) 1150

FORD TRACTORS

9600 diesel, 1971 (Fair) 10,650
8000 diesel, 1972 (Fair) 7700*
5000, 1970 (Fair) 4500*
5000, ldr., 1968 (Rough) 4500*
5000 diesel, 1967 (Good) 5300*
5000 diesel, 1967 (Fair) 5100*
5000, plow, duals, 1966 (Fair) 4400
4000, ldr., 1965 (Fair) 4250*
4000, backhoe, ldr., ...3150
4000, ldr., 1958 (Fair) 1850*
3000, 1969 (Fair) 2875
2110, bld., ...2800
2000 diesel, 1968 (Fair) 2050
2000, ldr., 1965 (Fair) 2900*
1600, (New) 4450*
960, 1956 (Fair) 1500
880, 1960 (Fair) 1725
800, 1954 (Fair) 1625
Sup. Maj., 1956 (Fair) 1125
Jub., ldr., 1953 (Fair) 1400
8N, 1952 (Fair) 1350
8N, 1952 (Fair) 1310
8N, 1951 (Fair) 1200
8N, 1950 (Fair) 1275
8N, ldr., 1950 (Fair) 1250
8N, 1948 (Fair) 1075
9N, 1946 (Fair) 950

INTERNATIONAL HARVESTER TRACTORS

4166 diesel, (Fair) 13,250*
4100 diesel, 1970 (Fair) 6750
1486 diesel, 1978 (Excellent) 21,300*
1466 diesel, 1974 (Good) 11,500*
1466 diesel, 1974 (Good) 10,200
1466 diesel, 1974 (Fair) 10,100*
1466 diesel, 1973 (Good) 11,900
1466 diesel, 1973 (Fair) 9750*
1456 diesel, 1971 (Fair) 9000*
1256 diesel, 1969 (Good) 7800
1256 diesel, 1969 (Fair) 7300*
1066 diesel, 1973 (Good) 10,300*
1066 diesel, 1973 (Fair) 9400*
1066 diesel, 1973 (Good) 9350*
1066 diesel, 1973 (Rough) 7700
966 diesel, 1971 (Good) 11,100*
856 diesel, 1969 (Fair) 8100*
856 diesel, 1968 (Good) 7100*
826 diesel, 1970 (Good) 9200*
806 diesel, 1966 (Good) 6550
806 diesel, 1965 (Good) 5500*
806, 1964 (Fair) 4100
806 diesel, 1964 (Fair) 3750
806, 1964 (Fair) 3600
706, 1964 (Fair) 3250
706 diesel, 1962 (Rough) 2600*
606, 1962 (Fair) 1850
560 diesel, 1961 (Fair) 2450
560, 1960 (Fair) 2400*
560, 1960 (Fair) 1775
454, 1975 (Good) 4300*
454, 1973 (Good) 4500
400, 1956 (Fair) 950
350, ldr., 1956 (Good) 1950
300, 1955 (Fair) 1085
300, 1955 (Rough) 975
MTA, 1954 (Fair) 1425
M, 1952 (Good) 900
M, 1950 (Good) 870
H, 1950 (Fair) 450
H, ldr., (Fair) 520
Cub 185, mo., 1972 (Good) 2650
Cub 154, mo., 1965 (Good) 2125
Cub 154, mo., 1965 (Good) 2025

MASSEY-FERGUSON TRACTORS

205-4, (New) 4200*
1800, 1975 (Good) 11,500*
1800 diesel, 1975 (Fair) 9500*
1150, duals, 1969 (Good) 8750*
1135 diesel, 1977 (Good) 12,000*
1130 diesel, 1971 (Fair) 6200*
1100, 1965 (Fair) 3350*
1080 diesel, 1967 (Good) 4750
255, 1977 (Good) 5750*
180 diesel, 1968 (Good) 3500
165, 1966 (Fair) 3300*
165, 1961 (Fair) 3200*
135, 1968 (Good) 3250
Sup. 90, 1958 (Fair) 1600*
65, ldr., 1960 (Fair) 2825*
65, 1960 (Fair) 1560
50, 1962 (Fair) 1675
50, 1957 (Fair) 1250
35, ldr., 1960 (Good) 2950
35, ldr., 1956 (Fair) 2275

OLIVER TRACTORS

G1355 diesel, 1975 (Good) 11,100
1850 diesel, 1966 (Good) 4775
1850 diesel, 1964 (Fair) 4700*
1800, 1961 (Good) 2800
1800, 1961 (Fair) 2550*
1650, 1966 (Fair) 3375
1600, 1962 (Fair) 2750

WHITE TRACTOR

2-155, 1979 (Excellent) 22,750*

NOTES

Prices reported are for individual sales at wholesale on "as is," "cash and carry" basis.

Prices reported are NOT averages.

Condition classifications: EXCELLENT means—Engine: in perfect condition, 400 to 600 hours of use; Rubber: 80% tread remaining, no breaks or cracks; Paint: original and bright; General Appearance: excellent.

GOOD means—Engine: good running condition; Rubber: 70% tread remaining, no breaks or cracks; Paint: original paint or a good repaint job; General Appearance: good over-all.

FAIR means—Engine: possibly in need of a minor overhaul to restore; Rubber: 60% tread remaining, some cracking evident in side walls; Paint: only fair, weathered and some rust apparent; General Appearance: worn, some dents, minor parts such as gage covers missing or broken.

ROUGH means—Engine: obviously in need of a major overhaul; Rubber: smooth; Paint: scarred, weathered, rusty, needs painting urgently; General Appearance: dents, ruptures, broken parts, loose wires, some components such as lights broken, missing or inoperative.

DEMONSTRATOR means—used for demonstrating only and in practically new condition.

NOTE

ONLY THE FOLLOWING PAGES OF THIS PUBLICATION

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